10/23/87 A2575-1

American Petroleum Institute
1220 L Street, Northwest
Washington, D.C. 20005

weekly statistical bulletin

STATISTICS DEPARTMENT
VOL. 68 For Week Ended October 9, 1987 NO. 41

SUMMARY

(In Thousands of 42 gallon barrels per day except stocks which are in thousands of barrels)
(All data are estimates made by the API based on data from reporting companies)

	Current Week Ending: 10/09/87	Last Week Ending: 10/02/87	Last Year Week Ending: 10/10/86	Change From Last Week	Change From Last Year
Refinery Operations					
Input to crude oil distillation units	12,573	13,108	12,782	-535	-209
Operable capacity	15,697	15,697	15,594	0	103
Percent operated	80.1	83.5	82.0		
Motor Gasoline					
Total motor gasoline production	6,694	6,711	6,856	-17	-162
Finished leaded motor gasoline production	1,700	1,606	2,051	94	-351
Finished unleaded motor gasoline production	4,994	5,105	4,805	-111	189
Total motor gasoline stocks	227,298	229,469	227,770	-2,171	-472
Finished leaded motor gasoline stocks	54,090	54,589	66,631	-499	-12,541
Finished unleaded motor gasoline stocks	133,935	135,431	122,341	-1,496	11,594
Jet Fuel Kerosine					
Jet fuel kerosine production	1,227	1,206	1,127	21	100
Jet fuel kerosine stocks	44,157	43,690	43,828	467	329
Distillate Fuel Oil					
Distillate fuel oil production	2,659	2,765	2,869	-106	-210
Distillate fuel oil stocks	128,077	128,865	152,944	-788	-24,867
Residual Fuel Oil					
Residual fuel oil production	926	855	795	71	131
Residual fuel oil stocks	45,595	45,174	45,082	421	513
Imports					
Crude oil imports	4,813	5,127	4,122	-314	691
Product imports	2,015	1,973	2,070	42	-55
Crude Oil Stocks					
Crude oil stocks	331,167	334,365	332,588	-3,198	-1,421

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U.S. REFINERY OPERATIONS

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Refinery Input	Crude Oil Runs to Distillation Units	Input to Crude Oil Distillation Units	Operable Capacity	% Operated
East Coast	1,271	1,078	1,079	1,400	77.1
Appal. No. 1	106	100	100	105	95.2
DISTRICT 1 TOTAL	1,377	1,178	1,179	1,505	78.3
Appal. No. 2	62	62	62	66	93.9
Ind., Ill., Ky.	1,847*	1,649*	1,656*	2,154	76.9*
Minn., Wis., Daks.	317	305	305	317	96.2
Okla., Kans., Mo.	606	569	571	720	79.3
DISTRICT 2 TOTAL	2,832*	2,585*	2,594*	3,257	79.6*
Inland Texas	563	483	479	569	84.2
Texas Gulf Coast	3,356	2,856	2,856	3,569	80.0
La. Gulf Coast	2,498*	2,328	2,379	2,648	89.8
N. La. and Ark.	155	141	144	257	56.0
New Mexico	82	69	71	81	87.7
DISTRICT 3 TOTAL	6,654*	5,877	5,929	7,124	83.2
DISTRICT 4 TOTAL	460	436	438	552	79.3
DISTRICT 5 TOTAL	2,534	2,420	2,433	3,259	74.7
TOTAL U.S.	13,857	12,496	12,573	15,697	80.1
TOTAL U.S. Weeks Ended:					
OCT. 2, 1987	14,034*	13,020*	13,108*	15,697	83.5*
OCT. 10, 1986	13,938	12,717	12,782	15,594	82.0
DISTRICTS 1-4 Weeks Ended:					
OCT. 09, 1987	11,323	10,076	10,140	12,438	81.5
OCT. 2, 1987	11,499*	10,485*	10,573*	12,438	85.0*
OCT. 10, 1986	11,491	10,354	10,395	12,526	83.0

* See Revisions on Page 8.

API WEEKLY STATISTICAL BULLETIN
Week Ended October 9, 1987

U.S. REFINERY OUTPUT

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline		Jet Fuel		Distillate Fuel Oil[2]	Residual Fuel Oil
		Finished Leaded	Finished Unleaded	Naphtha Type	Kerosine Type		
East Coast	612	114	498	22	77	223	127
Appal. No. 1	41	11	30	--	--	33	3
DISTRICT 1 TOTAL	653	125	528	22	77	256	130
Appal. No. 2	38	6	32	--	--	15	2
Ind., Ill., Ky.	1,087	251	836	16	87	348	43
Minn., Wis., Daks.	171	34	137	2	15	69	6
Okla., Kans., Mo.	358	162	196	3	36	135	4
DISTRICT 2 TOTAL	1,654	453	1,201	21	138	567	55
Inland Texas	255	107	148	27	44	113	15
Texas Gulf Coast	1,530*	349	1,181*	24	303	598	159
La. Gulf Coast	1,277*	252	1,025*	32	312	560	104
N. La. and Ark.	43	10	33	6	8	36	8
New Mexico	43	17	26	8	3	16	--
DISTRICT 3 TOTAL	3,148*	735	2,413*	97	670	1,323	286
DISTRICT 4 TOTAL	235	107	128	17	19	114	8
DISTRICT 5 TOTAL	1,004	280	724	34	323	399	447
TOTAL U.S.	6,694	1,700	4,994	191	1,227	2,659	926
TOTAL U.S. Weeks Ended:							
OCT. 2, 1987	6,711*	1,606	5,105*	215	1,206	2,765	855
OCT. 10, 1986	6,856	2,051	4,805	199	1,127	2,869	795
DISTRICTS 1-4 Weeks Ended:							
OCT. 09, 1987	5,690	1,420	4,270	157	904	2,260	479
OCT. 2, 1987	5,684*	1,328	4,356*	171	907	2,382	497
OCT. 10, 1986	5,696	1,677	4,019	151	852	2,430	491

[1]Total motor gasoline is equal to the sum of finished leaded and finished unleaded motor gasoline.

[2]Includes Grade No. 4 fuel oil.

* See Revisions on Page 8.

NA-Not Available

API WEEKLY STATISTICAL BULLETIN
Week Ended October 9, 1987

STOCKS OF SELECTED PRODUCTS

(In thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline: Finished Leaded	Motor Gasoline: Finished Unleaded	Motor Gasoline: Blending Components	Jet Fuel: Naphtha Type	Jet Fuel: Kerosine Type	Distillate Fuel Oil[2]	Residual Fuel Oil	Unfinished Oils
New England	4,525	911	3,613	1	123	465	8,634	1,171	--
Central Atlantic	28,504*	4,945	18,053*	5,506	526	5,514*	28,983*	16,736	13,142
Lower Atlantic	31,665*	7,442*	23,869*	354	648	4,607	14,619*	3,380	333
DISTRICT 1 TOTAL	64,694*	13,298*	45,535*	5,861	1,297	10,586*	52,236*	21,287	13,475
DISTRICT 2 TOTAL	60,044*	16,939*	35,129	7,976	894	9,343	30,299	2,921	13,846*
DISTRICT 3 TOTAL	66,586	14,149	36,169	16,268	2,447	17,543	31,477*	11,409	47,011
DISTRICT 4 TOTAL	5,881	2,136	2,440	1,305	345	746	2,493	468	2,207
DISTRICT 5 TOTAL	30,093*	7,568	14,662*	7,863	1,514	5,939	11,572	9,510	22,776*
TOTAL U.S.	227,298	54,090	133,935	39,273	6,497	44,157	128,077	45,595	99,315
TOTAL U.S.									
Weeks Ended:									
OCT. 2, 1987	229,469*	54,589*	135,431*	39,449	6,458	43,690*	128,865*	45,174	103,308*
OCT. 10, 1986	227,770	66,631	122,341	38,798	6,232	43,829	152,944	45,082	95,740
DISTRICTS 1-4									
Weeks Ended:									
OCT. 09, 1987	197,205	46,522	119,273	31,410	4,983	38,218	116,505	36,085	76,539
OCT. 2, 1987	199,318*	47,218*	120,464*	31,636	4,863	37,842*	117,219*	36,180	78,604*
OCT. 10, 1986	197,596	58,318	107,927	31,351	4,475	37,849	141,505	35,955	72,622

[1]Total motor gasoline stocks is equal to the sum of finished leaded stocks, finished unleaded stocks and motor gasoline blending components.

[2]Includes Grade No. 4 fuel oil.

* See Revisions on Page 8.

NA-Not Available

WEEKLY STATISTICAL BULLETIN
Week Ended October 9, 1987

ESTIMATED DOMESTIC PRODUCTION OF CRUDE OIL (INCLUDING LEASE CONDENSATE), IMPORTS AND STOCKS OF CRUDE OIL

(In thousands of 42-gallon barrels)

Weeks Ended:	Estimated Domestic Production[1] API Monthly	Estimated Domestic Production[1] Latest Dept. of Energy May 1987	Crude Oil Imports[1] Total	Crude Oil Imports[1] From Canada	Crude Oil Stocks By Location[1]
	---------- Daily Average ----------				
DISTRICTS 1-4 TOTAL					
OCT. 09, 1987	5,076.0	5,259.0	4,576	645	255,832
OCT. 2, 1987	5,120.2*	--	4,914	644	260,175*
SEP. 25, 1987	5,120.2*	--	5,237	671	259,024
SEP. 18, 1987	5,120.2*	--	4,294	793	259,448
DISTRICT 5 TOTAL					
OCT. 09, 1987	3,157.4	3,073.0	237	--	75,335 ♦
OCT. 2, 1987	2,963.8*	--	213*	--	74,190
SEP. 25, 1987	2,963.8*	--	238	30	77,709
SEP. 18, 1987	2,963.8*	--	114	--	76,769
TOTAL U.S.					
OCT. 09, 1987	8,233.4	8,332.0	4,813	645	331,167 ♦
OCT. 2, 1987	8,084.0*	--	5,127*	644	334,365*
SEP. 25, 1987	8,084.0*	--	5,475	701	336,733
SEP. 18, 1987	8,084.0*	--	4,408	793	336,217
OCT. 10, 1986	8,419.0 a/	--	4,122	487	332,588

♦INCLUDES 23,750 BBLS. OF ALASKAN CRUDE OIL IN TRANSIT BY WATER.

a/ DOE actual for October 1986

LOCATION OF CRUDE OIL STOCKS[1]

(In thousands of 42-gallon barrels)

Location	District 1	District 2	District 3	District 4	Districts 1-4	District 5	Total U.S.
Weeks Ended:							
OCT. 09, 1987	16,642	69,663	157,538	11,989	255,832	75,335 ♦	331,167 ♦
OCT. 2, 1987	16,733	67,923	163,350*	12,169	260,175*	74,190	334,365*
OCT. 10, 1986	17,479	73,415	162,299	11,517	264,710	67,878	332,588

[1]See definitional notes, Page 6.

* See Revisions on Page 8.

API WEEKLY STATISTICAL BULLETIN
Week Ended October 9, 1987

IMPORTS OF PETROLEUM PRODUCTS

(Daily averages in thousands of 42-gallon barrels)

	Total Motor Gasoline[1]	Motor Gasoline Finished Leaded	Motor Gasoline Finished Unleaded	Gasoline[2] Blending Components	Jet Fuel Naphtha Type	Jet Fuel Kerosine Type	Distillate Fuel Oil[3]	Residual Fuel Oil	L.P.G.	Unfinished Oil	Other	Total
New England	129*	50	79*	15	--	7*	249	363	12	--	61	836*
Central Atlantic	275*	10	265*	50	--	--*	43	8	13	50	1	440*
Lower Atlantic	96	--	96	--	--	--	68	--	--	--	4	168
DISTRICT 1 TOTAL												
OCT. 09, 1987	500	60	440	65	--	7	360	371	25	50	66	1,444
OCT. 2, 1987	566*	43	523*	27	--	32*	327	163	40	82	111	1,348*
SEP. 25, 1987	589	23	566	39	--	37	351	542	28	132	49	1,767
SEP. 18, 1987	193	--	193	45	--	54	116	593	13	78	31	1,123
DISTRICTS 2-4 TOTAL												
OCT. 09, 1987	12	1	11	8	3	--	11	30	175	180	119	538
OCT. 2, 1987	7	--	7	8	2	29	14	--	187	157	189	593
SEP. 25, 1987	13	1	12	1	2	--	16	6	156	270	215	679
SEP. 18, 1987	29	--	29	36	2	--	7	20	78	127	200	499
DISTRICT 5 TOTAL												
OCT. 09, 1987	10	2	8	10	--	--	3	5	5	--	--	33
OCT. 2, 1987	2	--	2	9	--	1	3	8	7	2	--	32
SEP. 25, 1987	11	2	9	12	--	--	5	8	5	--	--	41
SEP. 18, 1987	17	11	6	14	--	2	1	2	4	2	--	42
TOTAL U.S.	522	63	459	83	3	7	374	406	205	230	185	2,015
TOTAL U.S. Weeks Ended:												
OCT. 2, 1987	575*	43	532*	44	2	62*	344	171	234	241	300	1,973*
SEP. 25, 1987	613	26	587	52	2	37	372	556	189	402	264	2,487
SEP. 18, 1987	239	11	228	95	2	56	124	615	95	207	231	1,664
OCT. 10, 1986	371	60	311	56	--	60	419	425	289	99	351	2,070

[1] Total motor gasoline imports is equal to the sum of finished imports and finished unleaded imports.

[2] Gasoline blending component imports are not included in total motor gasoline imports.

[3] Includes Grade No. 4 fuel oil.

* See Revisions on Page 8.

NA Not Available

DEFINITIONAL NOTES

Page 3—Stocks of Selected Products

The inventories shown are stocks located at refineries, bulk terminals, and in pipelines and include stocks held by independent bulk terminal operators. These inventories include stocks not available for shipment, those available for current shipment, and those held in reserve for shipment during the high consuming season as a supplement to then current production. Stocks not available are those required for processing, held in tank bottoms, in pipeline fill, and in other equipment in order to assure continuous operations.

Stocks of unleaded and leaded motor gasoline represent only finished motor gasoline located at refineries, pipelines and bulk terminals. A large portion of motor gasoline stocks at refineries consists of components which may be blended or compounded to produce either finished leaded or unleaded motor gasoline. Consequently, these stocks cannot be classified as either finished leaded or unleaded motor gasoline. The sum of finished leaded and unleaded motor gasoline stocks plus the components stocks equals total motor gasoline stocks.

Pages 3 and 5—Stocks and Imports of Petroleum Products

District 1 is composed of three areas which are described by the Department of Energy as follows:

New England—Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, and Connecticut.
Central Atlantic—New York, New Jersey, Pennsylvania, Delaware, Maryland, and the District of Columbia.
Lower Atlantic—Virginia, West Virginia, North Carolina, South Carolina, Georgia, and Florida.

Page 4—Estimated Domestic Production

Monthly production represents an API estimate as of the first week of the month. This estimate may be revised at a subsequent date as more current information is received.

Crude Oil Imports

Crude oil (includes lease condensate) produced outside the 50 states. Material from the Athabasca tar sands is included.
Reported on a Port of Entry basis.
The Total of crude oil imports includes those from Canada.
Data do not include oil imported for the Strategic Petroleum Reserve.

Crude Oil Stocks by Location

Producer's stocks on leases are included.
Data do not include crude oil stocks held in the Strategic Petroleum Reserve.

Pages 4 and 5—Imports of Crude Oil and Petroleum Products

The estimates of imports published by the API are based on data supplied by reporting companies. These data exclude imports into Puerto Rico and the Virgin Islands but include shipments from Puerto Rico and the Virgin Islands to the U.S. mainland as imports. API classifies all withdrawals from bonded storage as imports.

INTERPRETIVE NOTES

Definitions used by the API throughout the Weekly Statistical Bulletin are the same as those used by the Department of Energy in its monthly and annual Petroleum Statements.

Unleaded gasoline is gasoline containing not more than 0.05 gram of lead per gallon and not more than 0.005 gram of phosphorus per gallon.

Data presented in the Bulletin are for the week ended 7 a.m. Friday. The date specified should not be considered as part of that week when calculating a month's total for production or the interpolation of a month's-end stock figure as of midnight of the last day of the month. *Example: a stock figure for a week ended 7 a.m. on the first of the month should be considered to be as of midnight of the previous month's last day.*

Totals for the U.S. published in the Bulletin exclude data for Puerto Rico, Virgin Islands, and other non-contiguous territories.

Data published in the Weekly Statistical Bulletin are estimates made by the API Statistics Department based on data collected from reporting companies.

Data for the corresponding week of last year are from the published Bulletin for that week and are not adjusted to reflect subsequently published DOE monthly data. Final monthly data are available in the DOE Monthly Petroleum Statement.

ESTIMATED DAILY AVERAGE PRODUCTION OF CRUDE OIL AND LEASE CONDENSATE
(In thousands of 42—gallon barrels)

	API Estimated Production		Dept. of Energy
	September 1987	August 1987r/	May 1987
Florida	21.0	22.0	24.0
New York-Pennsylvania	10.0	11.0	11.0
Virginia	-	-	-
West Virginia	8.0	7.0	8.0
Illinois	63.0	64.0	64.0
Indiana	10.0	10.0r/	3.0
Kansas	153.0	155.0	165.0
Kentucky	15.0	15.0	16.0
Michigan	62.0	63.0	65.0
Missouri-Tennessee	1.0	2.0	1.0
Nebraska	16.0	16.0	17.0
Ohio	34.0	35.0	34.0
Oklahoma	344.0	345.0	354.0
North Dakota	113.0	113.0	114.0
South Dakota	4.0	4.0	5.0
Alabama	55.0	56.0	57.0
Arkansas	37.0	38.0	39.0
Mississippi	78.0	78.0	78.0
New Mexico-So. East	172.8	175.0	174.0
New Mexico-Other	19.0	19.0	19.0
North Louisiana	70.0	72.0	74.0
South Louisiana	1,250.0	1,255.0	1,241.0
Total Louisiana	1,320.0	1,327.0	1,315.0
Texas			
District 1	56.0	58.0r/	59.0
District 2	73.0	74.0r/	74.0
District 3	234.0	240.0r/	260.0
District 4	59.0	60.0r/	62.0
District 5	32.0	33.0	30.0
District 6, East Texas Field	113.0	114.0	114.0
Other	84.0	85.0r/	98.0
District 7-B	88.0	89.0r/	89.0
District 7-C	84.0	85.0	90.0
Districts 8 and 8-A	1,089.0	1,098.0r/	1,125.0
District 9	87.0	89.0	97.0
District 10	44.0	45.0	43.0
Total Texas	2,043.0	2,070.0r/	2,141.0
Colorado	76.0	75.0	77.0
Montana	68.0	66.0	69.0
Utah	95.0	89.0	99.0
Wyoming	302.4	290.0r/	310.0
Total Districts 1-4	5,120.2	5,145.0r/	5,259.0
Alaska	1,875.8	1,905.3	1,979.0
Arizona	-	-	-
California	1,080.0	1,075.7r/	1,085.0
Nevada	8.0	8.0	9.0
Total District 5	2,963.8	2,989.0	3,073.0
TOTAL U.S.	8,084.0	8,134.0r/	8,332.0

r/ Revised: data currently displayed are based on reported volumes from 37 producing companies. These volumes are estimated to represent 55.55% of lower 48 states production. When combined with reported Alaskan data, the sample represents 66% of total U.S. production in August.

API STATISTICAL BULLETIN
WEEK ENDED: OCT. 09, 1987

REVISIONS

10/02/87	PAGE 1	TOTAL REFINERY INPUT	IND., ILL., KY	1,941
			DISTRICT 2 TOTAL	2,951
			LA. GULF COAST	2,458
			DISTRICT 3 TOTAL	6,614
			TOTAL U.S.	14,034
			DISTRICTS 1-4	11,499
		CRUDE OIL RUNS	IND., ILL., KY	1,814
			DISTRICT 2 TOTAL	2,770
			TOTAL U.S.	13,020
			DISTRICTS 1-4	10,485
		INPUT TO CRUDE OIL	IND., ILL., KY	1,813
			DISTRICT 2 TOTAL	2,776
			TOTAL U.S.	13,108
			DISTRICTS 1-4	10,573
		% OPERABLE	IND., ILL., KY	84.2
			DISTRICT 2 TOTAL	85.2
			TOTAL U.S.	83.5
			DISTRICTS 1-4	85.0
	PAGE 2	TOTAL MGAS	TEXAS GULF COAST	1,634
			LA. GULF COAST	1,243
			DISTRICT 3 TOTAL	3,197
			TOTAL U.S.	6,711
			DISTRICTS 1-4	5,684
		UNLEADED MGAS	TEXAS GULF COAST	1,325
			LA. GULF COAST	959
			DISTRICT 3 TOTAL	2,502
			TOTAL U.S.	5,105
			DISTRICTS 1-4	4,356
	PAGE 3	TOTAL MGAS	CENTRAL ATLANTIC	28,655
			LOWER ATLANTIC	32,281
			DISTRICT 1 TOTAL	65,730
			DISTRICT 2 TOTAL	60,364
			DISTRICT 5 TOTAL	30,151
			TOTAL U.S.	229,469
			DISTRICTS 1-4	199,318
		LEADED MGAS	LOWER ATLANTIC	7,332
			DISTRICT 1 TOTAL	13,795
			DISTRICT 2 TOTAL	17,202
			TOTAL U.S.	54,589
			DISTRICTS 1-4	47,218
		UNLEADED MGAS	CENTRAL ATLANTIC	17,799
			LOWER ATLANTIC	24,642
			DISTRICT 1 TOTAL	46,209
			DISTRICT 5 TOTAL	14,967
			TOTAL U.S.	135,431

API STATISTICAL BULLETIN
WEEK ENDED: OCT. 09, 1987

REVISIONS

		DISTRICTS 1-4	120,464
	KEROSINE JET	CENTRAL ATLANTIC	5,880
		DISTRICT 1 TOTAL	11,249
		TOTAL U.S.	43,690
		DISTRICTS 1-4	37,842
	DISTILLATE FUEL	CENTRAL ATLANTIC	29,129
		LOWER ATLANTIC	14,486
		DISTRICT 1 TOTAL	52,406
		DISTRICT 3 TOTAL	31,523
		TOTAL U.S.	128,865
		DISTRICTS 1-4	117,919
	UNFINISHED OILS	DISTRICT 2 TOTAL	13,915
		DISTRICT 5 TOTAL	24,704
		TOTAL U.S.	103,308
		DISTRICTS 1-4	78,604
PAGE 4 T	TOTAL CRUDE OIL IMPORTS	DISTRICT 5 TOTAL	213
		TOTAL U.S.	5,127
	CRUDE OIL STOCKS	DISTRICTS 1-4 TOTAL	260,175
		TOTAL U.S.	334,365
PAGE 4 B	TOTAL	PAD DISTRICT 3	163,350
		TOTAL PAD DISTRICTS 1-4	260,175
		TOTAL U.S.	334,365
PAGE 5	TOTAL MOAS	NEW ENGLAND	200
		CENTRAL ATLANTIC	366
		DISTRICT 1 TOTAL	566
		TOTAL U.S.	575
	UNLEADED MOAS	NEW ENGLAND	188
		CENTRAL ATLANTIC	335
		DISTRICT 1 TOTAL	523
		TOTAL U.S.	532
	KEROSINE JET	NEW ENGLAND	10
		CENTRAL ATLANTIC	22
		DISTRICT 1 TOTAL	32
		TOTAL U.S.	62
	TOTAL	NEW ENGLAND	415
		CENTRAL ATLANTIC	853
		DISTRICT 1 TOTAL	1,348
		TOTAL U.S.	1,973